

ABSTRACT

An actuator to which leads are easily attachable, and a method of making the same are provided. In the actuator in accordance with the present invention, a pair of silicon arms having lowered their resistance by doping with impurities are connected to each other by way of a glass substrate. A predetermined surface of each silicon arm is formed with a piezoelectric part, whereas a predetermined surface of the piezoelectric part is formed with a thin-film electrode. Therefore, the piezoelectric part is driven when a voltage is applied between a bonding wire attached to the thin-film electrode and a bonding wire attached to the silicon arm. Since the bonding wire can be attached to the silicon arm at any position thereon, wire bonding can be carried out while appropriately selecting positions and surfaces where the bonding wire is easily attachable.